

SOUTH PRODUCTION NOTES

**November 11, 2013
Midnight Shift**

**BASF EMPLOYEES
134 Last Recordable
155 Last Lost Time**

#1 MED Clean for AL-4126: There was a work notification for tapping-out the bolt holes on the extruder, and this was done Saturday afternoon. Barrel and auger re-assembled. screener was being taken apart...screener and spiral will still need cleaning and screens installed (.156 x 5/16, and 12 mesh). Have Bill Grodecki walk through and advise what else needed.

There is water and oil mixed in green gear box-work order is in.

#1 RC / Clean for AL-4126: Screener was being taken apart...screener and spiral will still need cleaning and screens installed (.156 x 5/16, and 12 mesh). Have Bill Grodecki walk through and advise what else needed.

Exhaust to Trimer

#2 MED line/ Cu-0860: Continue on. We should be working the regular wet mix back in with these batches. The drum of alternate Nalco wet mix can be labeled as Copper reclaim.

NOTE: powder room down to 4 bags of Cu 3818 (lot 464) . Need to retrieve more from either bldg. 7 or bldg. 24 (per SAP inventory), lot 465 next.

#2 RC/ Cu-0860: Continue on. Get surface areas and sample per the MOD.

NOTE: the scale readout in the CRT room not working and the auto valve will not shut off at 1200 lbs. Work note in place, but operators **MUST** watch the scale when filling and shut off at 1200 lbs (call to CRTs to manually shut off slide gate).

Exhaust to F1

Tank 7 / AMT Solution / D-1795: Keep temperatures between 25 and 35 degrees C.

NOTE: The blank has been removed to pump directly from Tank 7 to old pfaudler weigh tank. As of 10:30 pm Sunday, tank level at 55%.

Old Pfaudler D-1795: Goal is to keep the entire pipeline full (totes, hopper, pfaudler, and make sure 7 tank has enough material or make another tank as needed). Continue to write down "dryer feed times" on each batch of totes, and when possible direct feed off of

the dryer into the calciner hopper. Only feed into the bag-off from the dryer when necessary.

#3 MED / D-1795 NAQ: Continue to write down "dryer feed times" on each batch of totes, and when possible direct feed off of the dryer into the calciner hopper. Only feed into the bag-off from the dryer if necessary. **DO NOT BUILD FEED!!! KEEP FEEDING THE CALCINER DIRECTLY INTO THE HOPPER. HAVE A BAG HANGING OVER THE HOPPER IN CASE WE ENCOUNTER A GAP IN THE PIPELINE...BUT ALWAYS FEED THE CALCINER.**

#3 RC / D-1795 NAQ: Continue feeding. Watch the feed rate on this calciner! Sample per the MOD. **DO NOT BUILD FEED!!! KEEP FEEDING THE CALCINER DIRECTLY INTO THE HOPPER. HAVE A BAG HANGING OVER THE HOPPER IN CASE WE ENCOUNTER A GAP IN THE PIPELINE...BUT ALWAYS FEED THE CALCINER.**

NOTE: as of 10:30 pm, totes were full and ready to feed, and batch in hopper (#229) can be fed at midnight.

Exhaust to CTO

#4 RC / clean for D-5206: Additional 2 drums 5202 was fed through the spiral on Sunday, and very few black specks were present in any of the drums. Will inspect and review findings with Grodecki on Monday.

Exhaust to Trimer

National Dryer / Clean for D-5206 : Several Abbe batches made and all were very wet. Drainage pump was replaced Saturday but still getting wet batches. Blender was rinsed Sunday afternoon and lid pulled to reset screen under lid. Will wait until dried and then try again.

PK Blender / 1506: 1505 impregnated, need to rinse PK and switch to A1 3917 pill mix, as we are down to a few bags remaining to feed Horn machines.

#5 RC / 1506: #5 down...stage #1 flowmeter out of compliance and work notification written for Elliott (or other) to inspect and correct.

Be advised that we now have the ability to control the feedscrew (on / off) from the CRT room. Feed screw is set at 11Hz with no issues thus far.

Exhaust to Trimer

New Pfaudler / Celanese Trial: Continue on...batch 9 is next for Sunday night/early Monday morning. No more repacking of Celanese needed at this time.

#6 DRYER - RC / Celanese trial: Continue on...it was discovered that the calciner was running in reverse. This has been corrected, and after getting calciner refired we are feeding again at a better rate.

PLEASE NOTE that there was a flame detected inside the calciner from this material exotherming. This is normal, and no changes needed at this time (per Leon Zavodnik). Will reassess in the morning. Do not change feed rate into the calciner until the production team can discuss further.

Only use the square buggies that have been cleaned out and have the "CEHW" label on the side of the buggy.

The fines screen has been changed out to a 7 mesh.

Exhaust to Sly Scrubber

Tank 6 / tank rinsed out: Tank is empty. Pump was replaced on Thursday.

Tower 3 / E-406: Continue on. Tower 3 should be coming down sometime Monday, earliest.

Tower 6 / Q-VAM next: Loads 140-5 and 140-6 loaded and running. Next load projected to come down early on Monday afternoon....be sure we have the drums, liners and next loads ready.

Harrop Kiln - Al-3921 T 3/16": Continue running. A work notification has been written to have maintenance take a look at the automatic pusher at the cool down zone in the Kiln. It appears as if the clutch is disengaging while pushing carts.

Work notification written for one of the blowers on the kiln (#5 blower stopped working). Still operable, but maintenance needs to see Tower operator for more information.

Make sure pills do not mound in the bag (spread them out and they will fill to the 1500 lb level).

North Screener / Cu-0860: Completed...hold.

South Screener / E-406: Continue E-406.

#2662 Pill Machine / Al-3917 3/16: Was re-assembled, but will not run. Motor hums, then overload light illuminates. Work notification submitted for electrician to service.

#2664 Pill Machine / Al-3917 3/16: Continue on.

HC-11 Tanks / Cu 5020 Strikes: Strikes have been completed. Acid washing 2, 3, 4 and 107 tanks. Need to analyze 5 and 6 tanks as they still have soda ash solution. Will get samples to WWTP Sunday afternoon. **UPDATED:** samples indicate nothing more than soda ash solution. WWTP has analysis, should be able to use the solution to neutralize the nitric acid wash.

Continue to have constant communication with the North end.

Abbe Blender / D-5206: The abbe lid was opened and the screen reset, then lid resealed. Will need to dry overnight and check for leaks in the morning before using again.

When we get up and running, drop into the square tote (#3) for feeding the National Dryer. This is the only available National Dryer tote for the 5206 for now (until a few can become available from the Celanese trial), so feed the National Dryer, get #3 tote empty and refill as soon as possible. **ALSO**, please drain the bottom operated tote as good as possible so that we are not dropping wet material into the National Dryer hopper.

Inform Mike Pence when we have 2 empty totes of HF.

Tunnel Kiln #2 / Set up for Al-3921: Justin Quach notified kiln operator that burner adjustments were needed. Information and instructions provided to afternoon operator who will work with midnight operator to ensure kiln is lined-out and loaded per Justin's instructions. A work notification was written to repair the pressure relief valve on the air auto greaser (valve keeps releasing).

Priorities 1 through 11 are basically all the same priority, should be considered urgent and will require call outs for maint issues.

- 1) D-1795 NAQ - East Pfaudler/#3P&S Dryer/#3RC
- 2) Reduction Towers, specifically QVAM on Tower 6 and screening of E-406 TR
- 3) Cu-5020 P then 1520 Solution - HC-11 Tanks
- 4) 1506 then 1520 - PK/#5 RC/Trimer
- 5) D-5206 - Safety/Abbe/National Dryer/#4RC
- 6) Celanese Trial - West Pfaudler/HC-11 dryer & #6 RC
- 7) Al-3921 T 3/16 - Harrop Kiln
- 8) Al-3917 T 3/16 - Horne Tabletting
- 9) Cu-0860 E 1/16 3F - #2 MED/#2 RC
- 10) Al-3917 Pill Mix - PK Blender, as needed to supply Al pill mix to the Hornes

11) Clean up and change over on #1MED/#1 RC